

FORTHCOMING PUBLICATIONS

JULY, 2004, Vol 78, No. 7

Condensed Matter & Materials Physics

Effects of wave function modulation on high-frequency carrier transport in quantum wells under high biasing field

SUBIR KUMAR SARKAR

Dependence of U, V, W and other profile shape related parameters on standard Si sample microstructure

APURBA KANTI DEB, P CHATTERJEE AND S P SEN GUPTA

Characterization of GaS-deposited GaAs surface by XPS and PL

A B M O ISLAM AND C TATSUYAMA

Growth and characterisation of potassium dihydrogen phosphate (KDP) crystal doped with amino acids

S GUNASEKARAN, S PONNUSAMY AND R RAJASEKARAN

Structural properties of low density liquid selenium

O AKINLADE

Quantitative determination of haematite and chalcopyrite in metamorphic rocks using infrared spectroscopy

V RAMASAMY, V PONNUSAMY, M DHEENATHAYALU AND G PALANI

Mechanoluminescence produced during impulsive deformation of coloured alkali halide crystals

NAMITA RAJPUT, S TIWARI AND B P CHANDRA

Effects of temperature on the mechanoluminescence of gold-doped ZnS phosphors

SANJAY TIWARI, SHIKHA TIWARI AND B P CHANDRA

Thermally stimulated conductivity of CaS phosphors activated by Ce

MANOJ TIWARI, VIJAY SINGH, R N DUBEY, S J DHOBLE, M S QURESHI AND O N AWASTHI

Thermo-optical studies of nematic liquid crystal mixtures

RAJBIR SINGH, P P ANAND, V K AGARWAL, V P ARORA AND K K RAINA

Intramolecular C-H.....N and intermolecular N-H.....N interactions in 2-amino-4-phenyl-1,3-thiazole

RAJNIKANT AND DINESH

Electron-phonon resonance in some new charge transfer complexes

A T OZA, G K SOLANKI, R C PATEL AND S M PRAJAPATI

Chemical analysis techniques for quantitative determination of Cd, Se and Te from thin CdSe_{1-x}Te_x films

P D MORE, P N BHOSALE, A A BELHEKAR, M K DONGARE AND L P DESHMUKH

Nuclear Physics

On the diffraction model approach to cluster stripping nuclear reactions

IMAD A BARGHOUTHI, MOHAMMAD M ABU-SAMREH AND NAHIDA L QUMRI

Halo structure of ¹¹Li in a simple three-body model

S KUMAR AND V S BHASIN

Strong azimuthal fluctuations of pions produced in nuclear interactions at a few GeV/n

DIPAK GHOSH, ARGHA DEB, SWARNAPRATIM BHATTACHARYYA, KEYA DUTTA (CHATTOPADHYAY) AND JAYITA GHOSH

Notes

Crystal and molecular structure of bis (2,4-diaminopyrimidinium) phosphate monohydrate, 2 C₄H₇N₄⁺.PO₄³⁻.H₃O⁺

SARODA BANERJEE, ASOK K PAL, R S PAL, S SAHA, NILANJANA BANERJEE, A BANERJEE AND MADHUSUDAN DE

Structure of 1-cyano, 1-carbethoxy-2-(3'-methoxy-4'-hydroxy) phenyl ethylene

V N NARASIMHA MURTHY, M K KOKILA, PUTTARAJA, N C SHIVAPRAKASH, GEETHA M KULKARNI AND M V KULKARNI